

1965. Arrived at Key West on
the evening of 2 June.
Was told that there had
been a hard rain a couple
of days before and the
gutters were full of rain
water. On the morning
of June 3 explored the
region to the eastward of the
town where there are nume-
ous "lagoons" and puddles.

They contained much life,
Hemiptera, beetles, dragon fly
larvae etc. but absolutely
no trace of mosquito larvae
- not even a shed skin.

The pools nearer the ocean
swarmed with "fiddler crabs".

In the afternoon there
was a very heavy rain
which lasted till evening
(with interruptions)

Got one larva (*Stegomyia*)
from my water picher.

Towards night went to
the barabes and got a
number of the *Cassidid*

beetles taken by Mr Schenck
They were on the under
side of the leaves and about
20 were huddled together
under one curled up leaf
- it was showering at the
time. No trace of larvae.

4 June. Got a supply of
Stegomyia (?) larvae from
water pitchers in the hotel.
Examined tanks on roof,
saw a single larva but
could not get it. Examined
many pools in the course
of day, both in and out of
town and wherever there
was water but could
find no larvae.

The Cassidids taken
yesterday are golden
metallic green above, like
Phys. helianthi, - the
margin transparent.
Beneath greenish-gold
with pearly reflections.

5 June. supper for Wolfenstein.

5 June. 1 bottle wine

6 " do.

11 " do.

17 " do.

20 " $\frac{1}{2}$ do

23 " - "

25 " "

28 " "

1907.

5 Dec. Lve. N.Y. on S.S. Merida

9 Dec. arr. Havana.

11 Dec. on shore at Progreso.

Trip to shore & back: \$3.00

13 Dec. arr. Vera Cruz.

16 Dec. V. C. to Córdoba.

20 Dec. ^{Córdoba.} - 7 p.m. Warm
dark night. ♂ *Culex* (cubensis.)

swarming over man's head
sitting near light on veranda,
upper floor. Other ♂s flitting
about and alighting on table.

In the river-pools there appears
to be only one sp. now - *C. coronator*
larvae of all sizes & a few pupae.

23 Dec. Córdoba. Males of *Culex*
(cubensis?) go to sugar on
table at night - as many as
5 in the sugar bowl at one
time. On the 19th I saw
a ♂ *Steg.* in the sugar-bowl,
in the daytime.

25 Dec. Orizaba and return.

31 Dec. (Córdoba) Rained inter-
mittently all day.

[fare to Orizaba .89

1908.

1 Jan. (Córdoba) Cloudy and
~~cool~~ - cleared towards eve-
ning and warmer.

2 Jan. To Millan, 59 kilo-
meters on V. C. al Pacifico line,
and return. Weather cloudy,
hot & sultry with showers.
Country open (cleared) with
strips of forest. - A desirable
collecting place, much nearer
Córdoba, appears to be Xuchiles.
Fare to Millan: 2.41

3 Jan. To Orizaba and ret.
to cash check. Climbed
mountain on west side of
town. Saw *Pyramis atla-*
lanta and *Eristalis tenax*
near public garden.
Sunny in the morning,
cloudy in afternoon.

4 Jan. Sunny and clear
all day. Late in the afternoon
went collecting. Found second-
ed place on river - path thru
coffee plantation. Banks steep,
very wild. Found *Culex* larvae
in depression in boulder. Took
bath in river - water cold.

5 Jan. Moved from Hotel Inglaterra to Hotel Francisco in the afternoon. Made short excursion towards evening - When I returned Fritz Wolfenstein, from Vera Cruz, was waiting for me. Spent the evening together.

6 Jan. Wolfenstein left this morning for Vera Cruz, via Tierra Blanca. It was rather hot yesterday and today. But late this p.m. it clouded over suddenly and became cool - a "norte".

7 Jan. It rained through the night. Cool and heavy clouds all day with occasional drizzle.

9 Jan. Cloudy - a couple of hours sunshine in forenoon

10 Jan. Clear + bright. - 11 p.m. norte with drizzle -

11 Jan. Cloudy with occasional drizzle.

12 Jan. Clear + bright - not a cloud all day - went to Orizaba to see bull-fight

and "Corcharito" a famous torero. Returned to Orizaba 13 Jan in the morning (7.30 train). Cloudy, a cool wind blowing. Norte all day.

14 Jan. Norte all day. Went to Orizaba again to cash draft 24331, rec'd yesterday from Dr. Howard. Met Mr. Willis of Hacienda Nyalé near Tierra Blanca.

15 Jan. Sunny with some clouds. In the evening went down to river, back of market. After sunset saw loose swarm and copulation of a sp. of Tipulids. They were over the river at a great height - some 40 ft. or more higher than the top of the cañon. The swarm was very loosely organized and they circled about slowly. One pair in copula was captured as they floated down obliquely. At dark the swarm disappeared.

16 Jan. Sunny - part cloudy. At eve norte and rain at night.

17 Jan. "Norte" all day, very disagreeable; rained hard at night.

18 Jan. Cloudy with short intervals of sunshine. In the afternoon pretty steady rain. Went to river a.m. - found larvae of *Lutzia* in puddle on big boulder in company with many pupae of *Aedes*. On big boulder, with overhanging sides, in middle of stream in well-shaded place great numbers of a very small fly (*Ceratopogon*?) with produced proboscis.

19 Jan. Cool and rainy.

20 Jan. Sunshine. Went to same locality on river as on 16 + 18 th. Found immense quantities of a very small black fly in immense numbers on side of a boulder in middle of stream. - on side was black with them - boulder fully 6 ft. high.

21 Jan. Fine weather.

22 Jan. Fine. cooler and cloudy in afternoon + evening.

23 Jan. Cloudy + rainy

24 Jan. Some sunshine in a.m. Sent 1 box (bups etc.) to Dr. H.

25 Cloudy + damp. Sent 2^d box.

26 Fine weather

27. Fine weather - threatening in the evening.

28 Fine weather.

1 Feb. We have had fine weather since 25 Jan., today threatening and tonight rain.

2, 3, Feb. Cloudy and rainy.

4 Feb. A little sun in morning, then cloudy.

5 Feb. Fine bright day. At night, first fog, then rain.

6 + 7 Feb. Cloudy and rainy.

8 Feb. Fine - warm + bright.

9 " Cloudy all day, Ride to Ahuatlan.

10 " Rained during night and in morning - later fine + warm.

11 th. Fine.

12 " " To Orizaba + cashed 2 checks (50 each), returned morning of 13 th.

13 th + 14 th Fine

15 th. Rain + cold -

16 " Cloudy + rain. Home back to Ahuatlan + Refugio.

17 " - clearing p.m.

18 Feb. Fine weather.

19 " Cloudy + rainy.

20 " Rain all day, cold.

21 " Fine.

7 March. Cloudy, approaching
North. Went above San José
and found mosq. larvae in tree hole.

8 March. Part cloudy.

9 " Cloudy rain at night

10 " " - cold.

11 " " , rain during night

12 " " —

13 " Fair. To Orizaba

14. " Fair, part cloudy.

15. " Fine

16 " " Found
group of 27 pierid pupae on
tree trunk near its base. The
tree, a small one, almost com-
pletely defoliated by the larvae.
Tree was on bank overlooking
river. Adults, black with red
band on fore-wings (♂) iss.

17 + 18 March. - 16th p.m.
took Sabithes in plantation
path towards river.

17th. Went with Mr. Gray
and got down the lower ones
of the bromeliads - the
only source from which
the Sabithes could have
come. Some plants, high
up in the tree, remained.
24 March. Dr. Fenzl + wife
arrived on afternoon train
from Mex. City.

26. Earthquake shocks at
about 4.30 p.m. and again
at 9.15. Both quite severe,
particularly the second.

31 March. To Orizaba + return.

Found larvae of 3 sp. of Coccinellid.
on walls of public park (Oriz.)

1 April. Cont. Found numerous Psychod,
Chiron., + Trichopt. on boulders in stream
coming through well-shaded ravine
with high steep sides. descent of
stream rapid.

3 April. Rain at night

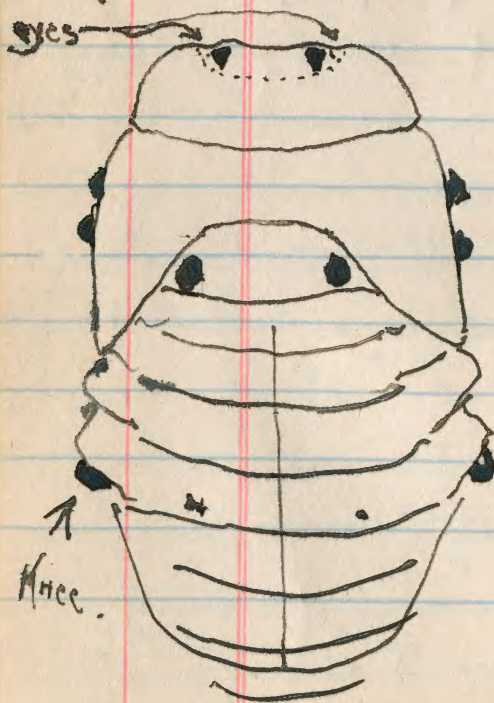
4 " Cloudy + rainy afternoon.

5 " Shower in evening.
In forenoon went above San José
with Dr. Fenzl. He beat several
larvae of Coccinellids from

sunash. Commonest sp. is black with bright lemon yell. markings on body, head pale ferrug. yellow. A second sp. has the body cream white with black marks, the head pale ferrug. yellow.

12 Apr. Have had afternoon showers for the last 3 days.

13 Apr. 2^d sp. of *Cocc. laura*, mentioned above, has pupated. Pupae cream white, eyes ferruginous; knees black, prothorax with 4 black spots; meta thorax with 2 " " ; 4th abd. segt. with 2 small dark dots.



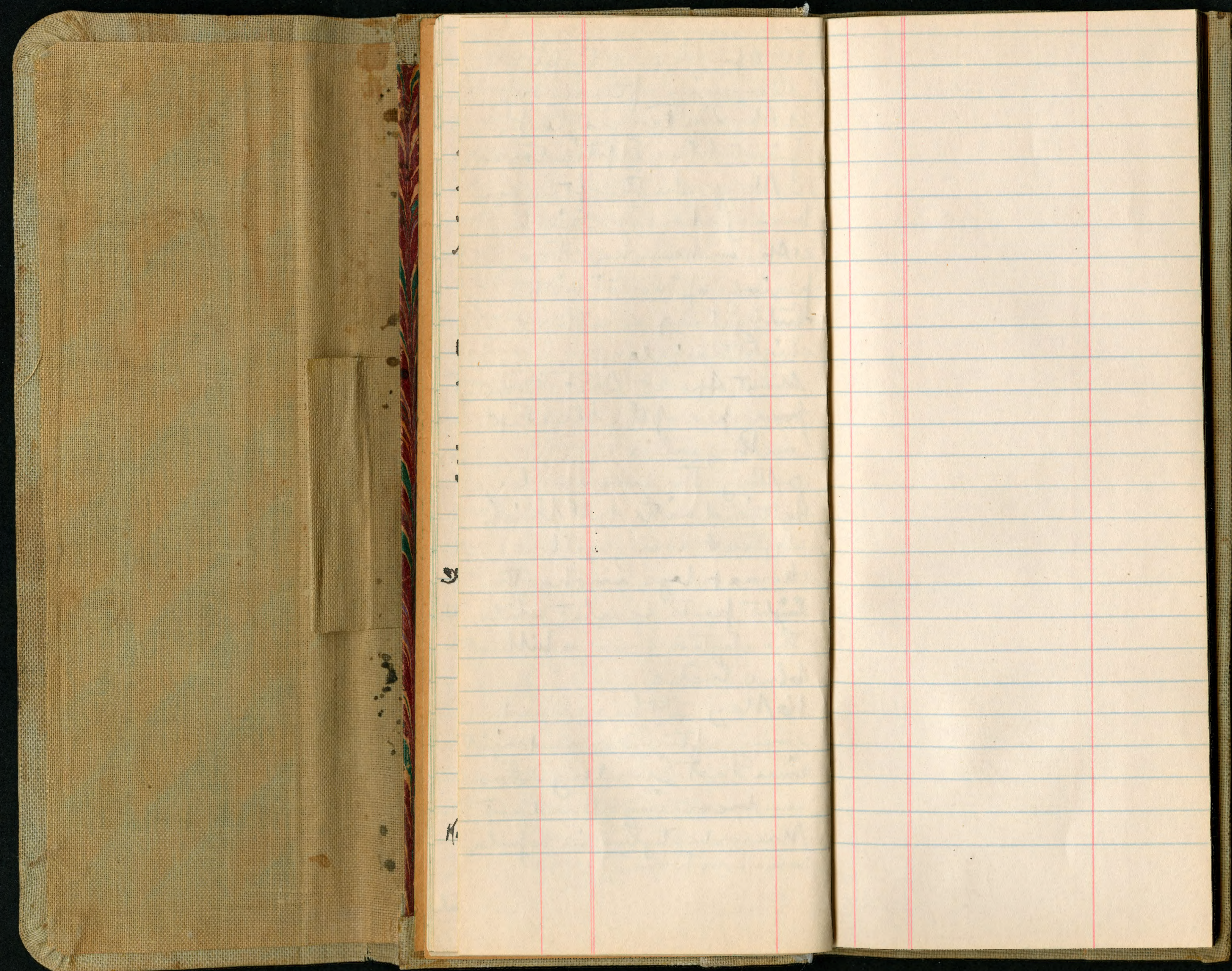
20 Apr. Heavy tropical shower in afternoon.

21 Apr. Dr. Ferris took first blue *Leptinotarsa* 10 May. In the afternoon heavy shower. Since 21 Apr. we have had two periods of "morte" with chilly damp weather & slight drizzles.

About Apr. 25 Dr. F. took four spec. of the blue *Lept.* on *Physalis*.

10 May. The common large *Halticid* with dull bluish elytra & ivory yellow thorax & legs now has the light parts scarlet while the elytra show a brilliant blue lustre.

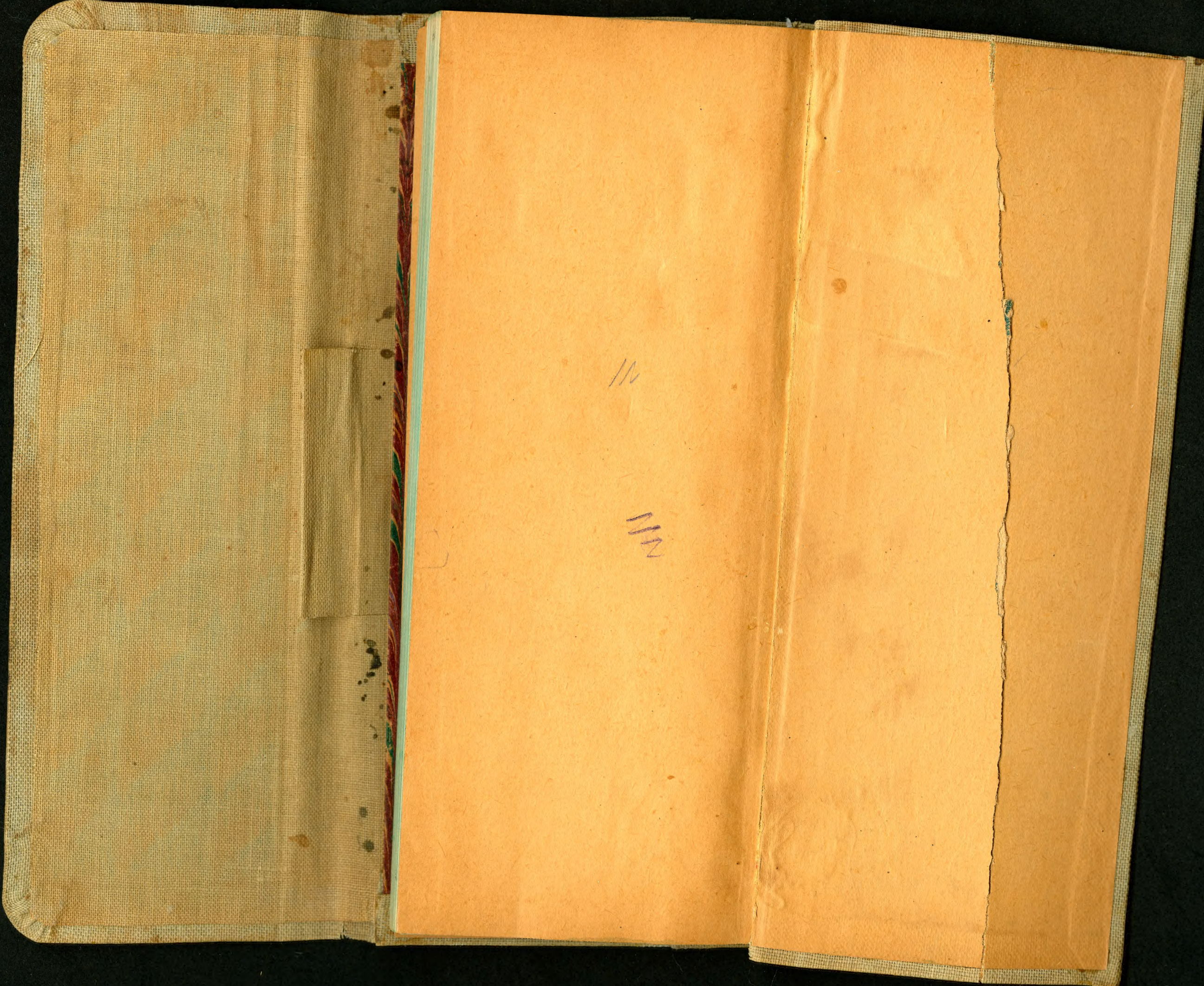
16 May. It has rained every afternoon and night since last Sunday. Ins. are becoming abundant. *Macroductylus* in *aspidula* common today.



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